What is claimed is:

1. An image processing system comprising:

a camera for picking up a workpiece; and

an image processing apparatus for capturing image pickup data of the workpiece picked up by said camera and performing image processing, said image processing apparatus including a trigger receiving section for receiving a trigger from an outside, a trigger generation section for generating a predetermined number of internal triggers at predetermined intervals when said trigger receiving section receives the trigger from the outside, an image processing section for performing image processing with respect to each the image pickup data picked up by the camera by the trigger from the outside and the internal triggers, and a statistical processing section for performing statistical processing of each image processing result data from the image processing section.

2. The image processing system as defined in claim 1, wherein a user can arbitrarily set the number of generations of the internal triggers.

3. The image processing system as defined in claim 1, wherein said image processing apparatus includes a display section for displaying a result calculated by the statistical processing section.

12

4. An image processing method comprising:

receiving an external trigger from the outside;

generating a predetermined number of internal triggers

5 at predetermined intervals when the trigger is received from

the outside;

picking up a workpiece by the trigger from the external

trigger and the internal triggers;

performing image processing with respect to each the image

10 pickup data picked up; and

performing statistical processing of each image

processing result data obtained from the image processing.

5. The image processing method as defined in claim 4,

15 further comprising:

setting the number of generations of the internal

triggers.

6. The image processing method as defined in claim 4,

20 further comprising:

displaying a result calculated from the statistical

processing.

13